



Repeater: NØDX 145.190 MHz (Input 144.590 / Tone 192.8 Hz)


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## The Eastern Iowa DX Bulletin

For October 27, 2023 to November 3, 2023

**Craig Fastenow, KØCF, Editor**

This bulletin is a compilation of **currently active** DX operations (or those that will become active within the current week) from recent issues of the three DX bulletins listed below and other sources. Credit for the source is given at the end of each article. The articles are ordered by the entity's *official* callsign prefix, callsigns used are in **bold**, and dates of operation are highlighted in **red**. Hot links are provided for QSL and other information wherever possible. Articles will remain in *The Bulletin* while active with a 5-week maximum.

Also included are a [Propagation](#) section, updated daily; and a [Contest Calendar](#) of selected upcoming popular contests.

DX News items are courtesy of:

The ARRL DX Bulletin

The bulletin is available at <http://www.arrl.org>

425 DX News, A.R.I. DX Bulletin (425DXN)

Edited by Mauro Pregliasco, I1JQJ & Valeria Pregliasco, IK1ADH

425 DX News Home Page: <https://www.425dxn.org/>

425 DX News Google Group: <https://groups.google.com/g/425eng>

DX Newsletter (DXNL)

Edited by Andreas Salder, DK5ON

A weekly service of DARC Committee "DX", <http://www.darcdxhf.de>

**Quick jump to:**

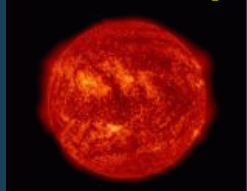
[Propagation](#)

[Contest Calendar](#)



### Solar-Terrestrial Data

30 Oct 2023 0555 GMT  
 SFI:135 SN: 61  
 A-Index: 28  
 K-Index: 4  
 X-Ray: B8.6  
 304A: 143.0 @ SEM  
 Ptn Flx: 187  
 Elc Flx: 2980  
 Aurora: 1/n=1.99  
 Mag (Bz): -1.2  
 Solar Wind: 579.6  
 Geomag Field ACTIVE  
 Sig Noise Lvl S3-S4  
 Current Solar Image



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**3W, VIET NAM.** Alex, KU1CW plans to be QRV as **3W9A** near Pleiku in the CQ WW DX SSB Contest (**October 28th-29th**) as a possible Single Op/High Power entry. QSL via LoTW.

-[ARRL DX Bulletin # 43 October 26, 2023] (1027-1103)

**4L, GEORGIA.** Ilya, **4L9M** plans to be QRV as a Single Op entry in the CQ WW DX SSB Contest (**October 28th-29th**). QSL via LoTW.

-[ARRL DX Bulletin # 43 October 26, 2023] (1027-1103)

**9M6, EAST MALAYSIA.** Saty, JE1JKL will be active again as **9M6NA** from Labuan Island (OC- 133), East Malaysia for the CQ WW DX SSB Contest (**October 28th-29th**) (SOAB 15m) and the CQ WW DX CW Contest (**November 25th-26th**) (SOAB). QSL via LoTW and [ClubLog's OQRS](#).

-[425DXN # 1694 October 21, 2023] (1027-1201)

**9Y, TRINIDAD & TOBAGO.** Yuri, N2TTA will be QRV as **9Z4A** as a Single Op entry in the

CQ WW DX SSB Contest (**October 28th-29th**). QSL via [9Z4A](#).

-[ARRL DX Bulletin # 43 October 26, 2023] (1027-1103)

**A2, BOTSWANA.** The Russian DXpedition Team will be active again as **A25RU** from Botswana from **October 26th to November 12th**. Seven operators (namely R5EC, R7AL, RA1ZZ, RW9JZ, UA3QLC, OK8AU and SP6EQZ) will be QRV on 160-6 meters CW and SSB with three stations, and digital modes (mainly FT8) with six or seven stations. QSL via [ClubLog's OQRS](#). See <https://www.rudxt.com/a25ru> for more information.

-[425DXN # 1694 October 21, 2023] (1020-1117)

**C6, BAHAMAS.** Rich, NN2T, is currently active from Grand Bahama. QRV as **C6AXX** until **October 30th**. QSL via [NN2T](#), OQRS.

-[DXNL # 2377 October 25, 2023] (1027-1103)

**CARRIBEAN CRUISE.** 30 USA radio amateurs will embark on the 8th "Ham Cruise" on **October 28th**. The voyage lasts until **November 4th**, with operating expected as **HP/K7PO/MM**, **ZF2PO**, and **6Y/K7PO**. QSL via [K7PO](#).

-[DXNL # 2377 October 25, 2023] (1027-1103)

**CE9, ANTARCTICA.** Serhiy, UW5EHR is a member of the XXVIII Ukrainian Antarctic Expedition (2023-24) at the Akademik Vernadskyi station on Galindez Island (AN-006), Antarctica. He will remain there through **March 2024**. Briefly active as VP8/UW5EHR, he has used the club station's callsign **EM1U** since October 7th. He operates FT8, FT4 and SSB on 40-10 meters. QSL via LoTW.

-[425DXN # 1693 October 14, 2023] (1013-1103)

**CEØY, EASTER ISLAND.** Luis, CE2ML and Mathias, CE2LR will be active as **XRØY** from Easter Island (SA-001) on **October 22nd-29th**, including an entry in the CQ WW DX SSB Contest (October 28th-29th) as **3GØY**. They will operate CW, SSB and some FT8 on the HF bands. QSL both callsigns via [CE2ML](#).

-[425DXN # 1692 October 7, 2023] (1020-1103)

**CT3, MADEIRA ISLANDS.** Helmut, DF7EE will be active again as **CT9/DF7EE** from Madeira (AF-014) on **October 22nd-31st**, including an entry in the CQ WW DX SSB Contest (October 28th-29th) as **CQ3W**. Before and after the contest he will focus on 60, 30, 17 and 12 meters SSB and FT8. QSL both callsigns via LoTW and [ClubLog's OQRS](#).

-[425DXN # 1692 October 7, 2023] (1020-1103)

**CU, AZORES.** Phil, PT2FM, will be active as **CQ8Q** from **October 25th to 29th**. QSL direct via [PT2FM](#).

-[DXNL # 2377 October 25, 2023] (1027-1103)

**DXCC TOP TWENTY.** Here are the top 20 entities on ClubLog's "DXCC Most Wanted" list as of October 27, 2023:

1. P5	DPRK (North Korea)	11. 3Y/B	Bouvet Island
2. B57H	Scarborough Reef	12. ZS8	Prince Edward & Marion Islands
3. CEØX	San Felix Islands	13. KH4	Midway Island
4. BV9P	Pratas Island	14. VKØM	Macquarie Island
5. KH7K	Kure Island	15. PYØS	Saint Peter And Paul Rocks
6. KH3	Johnston Island	16. PYØT	Trindade & Martim Vaz Islands
7. FT/G	Glorioso Island	17. KP5	Desecheo Island
8. 3Y/P	Peter 1 Island	18. VP8S	South Sandwich Islands
9. FT5/X	Kerguelen Island	19. KH5	Palmyra & Jarvis Islands
10. YVØ	Aves Island	20. ZL9	New Zealand Subantarctic Islands

For the complete list, see <https://clublog.org/mostwanted.php>

-[KØCF October 27, 2023] (1027-1110)

**E5/N, NORTH COOK ISLANDS.** Janusz, SP9FIH will be active as **E51JAN** from Manihiki (OC-014), North Cook Islands from **October 12th to November 6th**. QSL via [ClubLog's](#)

**OQRS.** See <https://e5n.dxpedititions.org/> for more information and updates.

-[425DXN # 1686 August 26, 2023] (1011-1110)

**EI, IRELAND.** Special event callsign **EI8ØMB** will be active from **November 1st to May 31, 2024**, to commemorate the 80th anniversary since 168 German seamen were miraculously rescued from the waters of the Bay of Biscay after a battle between British and German naval forces (December 29, 1943). Carried out by the small Irish coaster "Kerlogue" (callsign EIMB), the rescue took more than ten hours. QSL via [ClubLog's OQRS](#) or via [EI6AL](#).

-[425DXN # 1695 October 28, 2023] (1027-1201)

**F, FRANCE.** Members of the Radio-Club de la Haute Ile will operate special callsign **TM5GGU** from **October 28th to November 1st** in memory of their friend Herve Fabbro, F5GGU, who passed away in April 2021. QSL via qrz.com.

-[425DXN # 1695 October 28, 2023] (1027-1103)

**F, FRANCE.** Once again, the Radio Club de Nice will be active as **TM8AB** to commemorate the anniversary of the first transatlantic amateur two-way contact between Leon Deloy, F8AB and Fred Schnell, 1MO (November 28, 1923). Look for activity on 80-10 meters SSB, CW, FT8 and SSTV during the **weekends between October 28th and December 10th**. QSL via [F4KJQ](#).

-[425DXN # 1691 September 30, 2023] (1027-1201)

**FG, GUADELOUPE.** Once again Philippe, F1DUZ will be active as **FG4KH** from Guadeloupe (NA-102) from **October 17th to November 7th**, including participation in the CQ WW DX SSB Contest. QSL via LoTW, eQSL, or via [F1DUZ](#).

-[425DXN # 1692 October 7, 2023] (1013-1109)

**FM, MARTINIQUE.** FM5BH, FM5EJ, MØJHQ, and F5VHJ are going to operate the CQ WW DX SSB Contest (**October 28th-29th**) together as **TO5A**. QSL via [F5VHJ](#), via REF bureau, LoTW.

-[DXNL # 2377 October 25, 2023] (1027-1103)

**H4, SOLOMON ISLANDS.** Jun OE1JUN/JH4RHF will be active from Honiara (OC-047) as **H44RH** from **October 23rd until probably October 31st**, running 100 watts into wires. He also plans to be active as **H4ØRH** from Pigeon Island (OC-065), Temotu Province, tentatively on **November 1st-9th**: "there might be several options to go to Temotu", he says. "Most probably I need to arrange it next week in Honiara to see the best option at that moment". Check <https://www.qrz.com/db/H4ØRH> for updates. He will operate mainly CW, possibly with SSB activity during the CQ WW DX Contest (October 28th-29th) and FT8 on 6 meters if the band is open. QSLs via [OE1JUN](#).

-[425DXN # 1694 October 21, 2023] (1020-1103)

**H4Ø, TEMOTU.** The DXpedition to Temotu, **H4ØWA**, scheduled for October 26th until November 9th, had to be **postponed** due to transportation problems. The group now plans to be active **next year** from **February 22nd until March 7th**. More news to follow later.

-[DXNL # 2377 October 25, 2023] (1027-1103)

**HK, COLOMBIA.** Lothar, DK8LRF is active again as **HK3JCL** since September 10th. QSL via [DK8LRF](#).

-[DXNL # 2377 October 25, 2023] (1027-1117)

**HR, HONDURAS.** Yuri, VE3DZ will be active as **HQ9A** from Roatan Island (NA-057), Honduras on **October 19th-31st**, including an entry in the CQ WW DX SSB Contest (October 28th-29th). Outside the contest he will operate CW, SSB and FT8 on the HF bands. QSL via [VE3DZ](#); plans are to upload the log to LoTW and ClubLog.

-[425DXN # 1691 September 30, 2023] (1020-1103)

**I, ITALY.** Members of ARI Pordenone and ARI Belluno will be active as **II3RDV** on **October 1st-31st**. The special callsign memorializes the 60th anniversary of the Vajont Dam disaster (October 9, 1963, when a massive landslide plunged into the reservoir, causing a 250-meter high mega-tsunami that killed some 2000 people). QSL via [IV3EHH](#).  
-[425DXN # 1689 September 16, 2023] (0929-1103)

**ISØ, SARDINIA.** Richard, ISØJHQ will be QRV as **IRØA** as a Single Op/Single Band entry on 80 meters for the CQ WW DX SSB Contest (**October 28th-29th**). QSL via [OM2FY](#).  
-[ARRL DX Bulletin # 43 October 26, 2023] (1027-1103)

**J6, SAINT LUCIA.** Team **J62K** will be a CQ WW DX SSB Contest (**October 28th-29th**) team effort from St. Lucia. QRV before and after as **J69DS** (Daniel, DØCN) and **J68KC** (Kyle, [WA4PGM](#)). QSL J62K via [K9HZ](#), others via home calls.  
-[DXNL # 2377 October 25, 2023] (1027-1103)

**JD1/O, OGASAWARA.** Kou, JP1IHD will be active again as **JD1BQP** from Chichijima (AS-031) Ogasawara from **October 26th to November 2nd**, including an entry in the CQ WW DX SSB Contest (October 28th-29th). QSL via the bureau to JD1BQP, or direct only to [JP1IHD](#); he will upload his log to LoTW and ClubLog.  
-[425DXN # 1689 September 16, 2023] (1020-1103)

**KH6, HAWAII.** Team **KH6J** will be operated by KH7U, NH7T, AA6AA, KX7M, N6TV, and N6TJ in the CQ WW DX SSB Contest (**October 28th-29th**).  
-[DXNL # 2377 October 25, 2023] (1027-1103)

**OE, AUSTRIA.** Special callsign **4U2U** is for the VIC Amateur Radio Contest DX Club (4U1A, <https://4u1a.club/>) to celebrate United Nations Day on **October 24th-31st**. This activity counts for Austria for DXCC, and for the Vienna International Centre for the CQ DX Marathon. QSL via [UA3DX](#). United Nations Day marks the anniversary of the official creation of the UN (October 24, 1945).  
-[425DXN # 1695 October 28, 2023] (1027-1103)

**ON, BELGIUM.** The ONZ Oostkust Radioclub (ON6HC) will be active on all bands and modes as **OR79CLM** from **October 13th until November 12th**, with main operations taking place on November 3rd-5th. The special callsign's suffix stands for Canadian Liberation March, the annual event that celebrates the liberation of the Belgian town of Knokke on November 1, 1944. QSL via the bureau. A certificate will be available: <https://www.onz.be/or79clm-award-request/>.  
-[425DXN # 1691 September 30, 2023] (1013-1110)

**OY, FAROE ISLANDS.** Christian EA3NT, Col MMØNDX and Jonathan MMØOKG will join local operators and participate in the CQ WW DX SSB Contest (**October 28th-29th**) as **OY6A** (QSL via LoTW) from the Faroe Islands (EU-018). Before and after the contest they will be QRV as **OY/EA3NT**, **OY/MMØNDX** and **OY/MMØOKG**.  
-[425DXN # 1694 October 21, 2023] (1027-1103)

**P4, ARUBA.** John, W2GD is QRV as **P4ØW** until **October 30th**. Activity is on all bands, with an emphasis on 30, 17, and 12 meters using CW. This includes being a Single Op/All Band/High Power/Assisted entry in the CQ WW DX SSB Contest (October 28th-29th). QSL via [N2MM](#), LoTW.  
-[ARRL DX Bulletin # 43 October 26, 2023] (1027-1103)

**PA, NETHERLANDS.** Dutch members of the European DX Foundation will operate special callsigns **PA37EUDXF**, **PB37EUDXF**, **PC37EUDXF**, **PD37EUDXF**, **PE37EUDXF**, **PF37EUDXF**, **PG37EUDXF**, **PH37EUDXF** and **PI37EUDXF** from **November 1st to 30th** to celebrate the EUDXF's 37th anniversary. QSL PH37EUDXF via [PA2TMS](#); QSL other

callsigns via LoTW, [ClubLog's OQRS](#) (preferred), or via [PA1AW](#).

-[425DXN # 1693 October 14, 2023] (1027-1201)

**PACIFIC TRIP.** Uli, DL2AH is going to be active again from the Pacific:

**KH2/DL2AH** Guam (OC-026), **September 16th – 30th**

**V7...** Majuro (OC-029), Marshall Is. **October 3rd – 15th**

**V63AH** Kosrae (OC-059), Micronesia **October 18th – 30th**

He will operate SSB and FT8 on 80-6 meters. QSL via LoTW, eQSL, or direct to

[DL2AH](#).

-[425DXN # 1685 August 19, 2023] (0915-1103)

**PJ2, CURACAO.** EIDXA member Rich, W3ACO will be active again at **PJ2T** with his daughter Melissa, W7MAH and University of Iowa ARC YL op Paige, KØPZH. They will be active on 20m and 15m SSB before the contest as **PJ2/W3ACO, PJ2/W7MAH** and **PJ2/KØPZH** beginning **October 23rd**. They will then be part of the multi-multi operation at PJ2T during the CQ WW DX SSB Contest (October 28th-29th), which will also include ops WØCG, VE4GV, WX4W, W5GAI, W4IPC and KG5XR. The QSL route will be announced later.

-[KØCF October 21, 2023] (1020-1103)

**PJ4, BONAIRE.** Contest station **PJ4K** will be operated by WA3LRO, K1XX, W1MD, N3RD, W4PA, KM3T, K1DG, N6KT, and WA6VEF during the CQ WW DX SSB Contest (**October 28th-29th**) in a Multi/2 effort. QSL via [KU9C](#).

-[DXNL # 2377 October 25, 2023] (1027-1103)

**PJ5, SABA & ST. EUSTATIUS.** John, W5JON will be active again as **PJ5/W5JON** from Saint Eustatius (NA-145) on **October 25th-31st**. He will operate SSB and FT8 on 60-6m. QSL via LoTW, or direct to [W5JON](#).

-[425DXN # 1694 October 21, 2023] (1020-1103)

**PYØF, FERNANDO DE NORONHA.** Renner, PY7RP has been active as **PYØFR** from Fernando de Noronha (SA-003) since October 24th and will remain there **until October 30th**. He operates mainly FT8 on the HF bands and 6 meters; he will enter the CQ WW DX SSB Contest (October 28th-29th) as **PSØF**. QSLs via LoTW, [ClubLog's OQRS](#), or direct to [PY7RP](#) or LoTW.

-[425DXN # 1695 October 28, 2023] (1027-1103)

**PZ, SURINAME.** Renato, PY8WW will be QRV as **PZ5TW** from **October 25th to November 3rd**. Activity will be on 80 to 6 meters using CW, SSB, and FT8. This includes being a Single Op/Single Band on 15 meters entry in the upcoming CQ World Wide SSB DX contest (October 28th-29th). QSL via [ClubLog's OQRS](#).

-[ARRL DX Bulletin # 42 October 19, 2023] (1020-1103)

**S7, SEYCHELLES.** Kamil, S79KW is QRV with special callsign **S76P** during **October** to bring attention to Breast Cancer Awareness. Station **S77HQ** will also be QRV during this event. QSL [S76P](#) direct and S77HQ via [S79JKN](#).

-[ARRL DX Bulletin # 42 October 19, 2023] (1020-1103)

**T2, TUVALU.** A large group of operators will be QRV as **T2C** from Funafuti Island, IOTA OC-015, from **October 10th to 30th**. Activity will be on 160 to 6 meters using CW, SSB, RTTY, and FT8 with four stations. See <https://t2c.mydx.de/> for detailed QSL policy, more information, and updates. QSL via [ClubLog's OQRS](#) (preferred), or via [DL4SVA](#).

-[ARRL DX Bulletin # 40 October 5, 2023] (1006-1103)

**TA, TURKEY.** Berkin, **TA3J** will be a Single Op/Single Band/Low Power on 80 meter entry in the CQ WW DX SSB Contest (**October 28th-29th**). QSL to [TA3J](#).

-[ARRL DX Bulletin # 43 October 26, 2023] (1027-1103)

**TJ, CAMEROON.** The next DXpedition organized by the Mediterraneo DX Club will see a

large multi-national team (IK5BOH, IU3PMA, IZ2GNQ, IZ4COW, IZ4UEZ, IZ8CCW, AG4W, DL8JJ, F6IRA, HB9DHG, HB9TOC, OK2WX, ON7RN) active as **TJ9MD** from Kribi, Cameroon on **November 2nd-15th**. Plans are to have at least four stations active 24/7 on 160-6 meters CW, SSB, RTTY and FT8. There will also be a station for EME. More information is expected in due course.

-[425DXN # 1687 September 2, 2023] (1027-1117)

**V4, SAINT KITTS & NEVIS.** Ed, N2HX is QRV as **V4/N2HX** from Saint Kitts, IOTA NA-104, **until November 11th**. Activity is on the HF bands. He will be active as **V49R** as a Single Op/Low Power entry in the upcoming CQ WW SSB DX Contest (October 28th-29th). QSL to [N2HX](#).

-[ARRL DX Bulletin # 42 October 19, 2023] (1020-1110)

**V6, MICRONESIA.** Cezar, VE3LYC will be active as **V62P** from Pulap Atoll (OC-155) from **October 25th to November 2nd**, and as **V62S** from Satawal Atoll (OC-299) on **November 4th-10th**. Johan, PA3EXX will be the pilot station: Cezar will be unable to check his personal email account, so "those who wish to make a report or inform me of various issues" should send their messages to [willemsen@multiweb.nl](mailto:willemsen@multiweb.nl). Donations to help offset the costs of this complex and expensive project are gratefully accepted:

<https://v6iota.weebly.com>

-[425DXN # 1687 September 2, 2023] (1020-1110)

**V6, MICRONESIA.** Members of the Yokohama DX Club will be active as **V6SX** from Weno Island (OC-011), Micronesia on **October 23rd-31st** to celebrate their club's 50th anniversary. They will operate CW, SSB and FT8/FT4 on 80-6m (hopefully also on 160 and/or 60m) and will participate in the CQ WW DX SSB Contest (October 28th-29th) as V6Y. QSL via [ClubLog's QQRS](#) and LoTW.

-[425DXN # 1693 October 14, 2023] (1020-1103)

**V6, MICRONESIA.** Miki, JJ2CJB, operates as **V63CB** from Pohnpei (OC-010) from **October 27th-30th** on 40-10m (CW, SSB, FT8) and during the CQ WW DX SSB Contest (October 28th-29th). QSL direct via [JJ2CJB](#) or via LoTW.

-[DXNL # 2377 October 25, 2023] (1027-1103)

**V6, MICRONESIA.** Ulrich, DL2AH is QRV as **V63AH** from Pohnpei, IOTA OC-010, **until October 30th**. Activity is on the HF bands. QSL direct to [DL2AH](#). In addition, members of the Yokohama DX Club will be QRV as **V6SX** from Weno Island, IOTA OC-011, from **October 22nd to 31st** to celebrate the club's 50th anniversary. Activity will be on 80 to 6 meters, and possibly 160 and 60 meters, using CW, SSB, FT8, and FT4. They plan to be active as **V6Y** in the upcoming CQ World Wide SSB DX contest (October 28th-29th). QSL via LoTW.

-[ARRL DX Bulletin # 42 October 19, 2023] (1020-1103)

**VE, CANADA.** Pierre, VK3KTB and Alexey VE1RUS will be active again as **VYØERC** from the Eureka Amateur Radio Club station on Ellesmere Island (NA- 008) from **October 21st to November 22nd**. QSL via [MØOXO's QQRS](#).

-[425DXN # 1694 October 21, 2023] (1020-1124)

**VK, AUSTRALIA.** Tom, VK2WN (SP7WT) will be active as **AX37EUDXF** from **October 15th until November 30th** to celebrate the 37th anniversary of the European DX Foundation. QSL via LoTW, eQSL, [ClubLog's QQRS](#). He does not use the bureau.

-[425DXN # 1694 October 21, 2023] (1020-1124)

**VP2M, MONTSERRAT.** George, K2DM, signs **VP2MDM** **until October 30th**, including the CQ WW DX SSB Contest (October 28th-29th). QSL via [K2DM](#) or LoTW.

-[DXNL # 2377 October 25, 2023] (1027-1103)

**VP5, TURKS & CAICOS ISLANDS.** A team consisting of K4QPL, KU4V, NR4O, and WK3T are going to participate in the CQ WW DX SSB Contest (**October 28th-29th**) together as **VP5M**; before and after they will sign VP5/homecalls. QSL for VP5M via [K4QPL](#); others via homecalls.

-[DXNL # 2377 October 25, 2023] (1027-1103)

**YJ, VANUATU.** Chris, VK2YUS will be active again as **YJØCA** from Port Vila (OC-035) Vanuatu from **October 22nd to November 5th**, including an entry in the CQ WW DX SSB Contest (October 28th-29th). He will operate SSB on 40-10 meters, mainly between 2100 UTC and 1000 UTC. QSL direct to [VK2YUS](#).

-[425DXN # 1691 September 30, 2023] (1020-1110)

**YJ, VANUATU.** Team **YJØTT** (NC7M and other five operators) will be active from Efate (OC-035), Vanuatu from **October 26th to November 3rd**. They will operate CW, SSB and digital modes on 160-10 meters. Individual callsigns include **YJØSR** (N7JI), **YJØET** (NG7E), **YJØNA** (K6VHF, who is planning to operate via satellites), **YJØUC** (W6UC) & **YJØEE** (NJ6P), who plan to be QRV on 6 meters EME ("for the very first three days to take advantage of low degradation") and terrestrial. QSL via operator's instructions. See <https://www.dxobsessed.org/home> for more information.

-[425DXN # 1692 October 7, 2023] (1020-1103)

**YU, SERBIA.** The Amateur Radio Union of Serbia (YU1SRS) will host the 26th IARU Region 1 General Conference, to be held at Zlatibor on November 1st-4th. A special callsign has been issued, **YT26IARU**, which may be operated **until December 31st** by the hosting society as well as by the conference amateur radio station. QSL via LoTW.

-[425DXN # 1672 May 20, 2023] (1027-1124)

**ZF, CAYMAN ISLANDS.** Rich, NN3W will be active as **ZF2RD** from Cayman Brac, Cayman Islands (NA-016) on **October 24th-31st**. He will operate CW and SSB on the HF bands and will participate in the CQ WW DX SSB Contest (October 28th-29th) as **ZF2B**. QSLs via LoTW, or via [NN3W](#).

-[425DXN # 1694 October 21, 2023] (1020-1103)

**ZL7, CHATHAM ISLANDS.** Holger, ZL3IO will be active again as **ZL7IO** from Waitangi, Chatham Islands (OC-038) from **October 25th to October 29th**, after the CQ WW DX SSB Contest (October 28th-29th). QSL via LoTW, [ClubLog's OQRS](#), or via [DK7AQ](#).

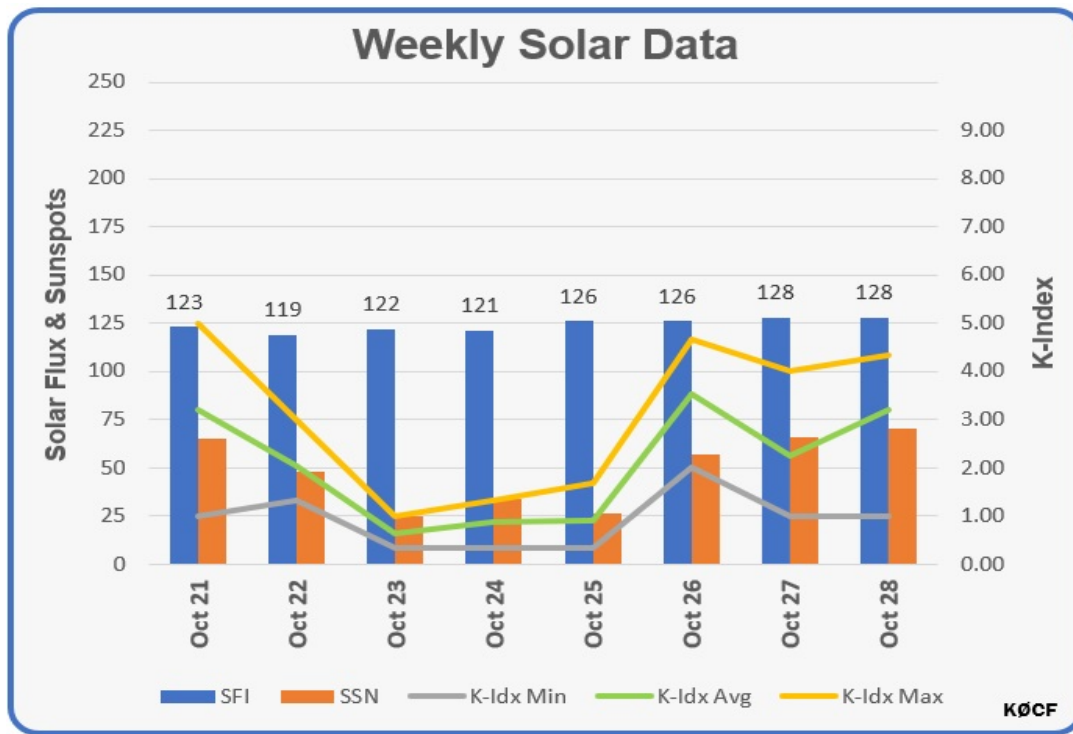
-[425DXN # 1693 October 14, 2023] (1020-1103)

**ZL7, CHATHAM ISLANDS.** Jacek, SP5EAQ will be active as **ZL7/SP5EAQ** from Waitangi, Chatham Islands (OC-038) from **October 20th to November 3rd**. He will operate SSB on 80-10 meters, including an entry in the CQ WW DX SSB Contest (October 28th-29th). See <http://chathams.sp7dqr.pl/> for more information. QSL via [SP7DQR](#), OQRS on <http://sp7dqr.pl/en/oqrs.php>, and LoTW.

-[425DXN # 1681 July 22, 2023] (1020-1103)

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## Propagation (Updated daily)



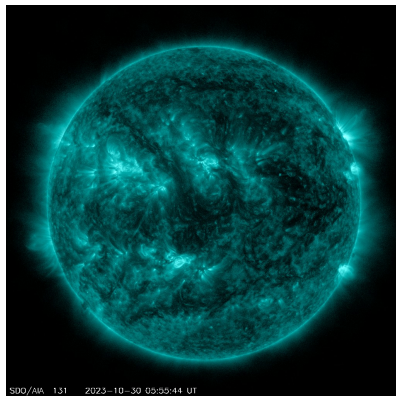
October 29, 2023

The Weekly Solar Data chart plots Solar Flux Index (SFI), Sunspot number (SSN) and Planetary K-Index (K-Idx) for the past 8 days. With 8 Planetary K-index readings each day, only the minimum, average and maximum K-index values are plotted. **Note:** You may click [here](#) or on the chart above to see the same data for the past month.

The Daily Solar Flux Index, Sunspot number, Planetary K-index, Solar Flux predictions and Solar Flare data used in this bulletin have been collected by KØCF from the U.S. Department of Commerce's NOAA Space Weather Prediction Center.

The propagation graphs above are the creations of KØCF and are unique in space weather reporting.

NASA's current view of the Sun at a wave-length of 131 Angstroms. This wavelength shows incredible solar detail.



Click [here](#) or on the image to view as a full screen 48-hour video loop. It is fascinating!

## Propagation Summary

For the 8 day period from Saturday, October 21st through yesterday, October 28th.

The average solar flux was down 10 points from the previous week, with a weekly high of 128 on Saturday, October 28th, following a low of 119 on October 22nd.

The average sunspot count was down by 20 points for the week, peaking at 70 on Saturday, October 28th after a weekly low of 25 on October 23rd.

The Planetary K-index weekly average was 3.1 with a maximum of 5.0 on Saturday,

October 21st, resulting in minor geomagnetic storm conditions.

Solar flare activity since October 21st has been quiet with only 1 major flare, which was an M 1.4 event on Thursday, October 26th.

You may have noticed that solar flare and sunspot activity has recently subsided and we have a very quiet sun right now. Is Cycle 25 coming to an early demise? No, not at all! (See NOAA's updated Cycle 25 forecast, below.) This is just a normal variation of solar activity which occurs during most sunspot cycles—even the very strongest ones. Be patient and the sunspot activity will increase again as we head toward the pinnacle of Cycle 25 next year and into 2025.

## Propagation Data

Major solar flares, Saturday, October 21st through 1309 UTC, October 29.

#	Date	UTC	Mag.
1	Oct 26	2324	M 1.4

From the NOAA Space Weather Prediction Center, here are the probabilities of major solar flares and the predicted 10.7 cm Solar Flux for the next 3 days. NOAA updates this information daily.

Date	M-Flares	X-Flares	Solar Flux
Oct 29	10%	1%	129
Oct 30	10%	1%	133
Oct 31	10%	1%	137

Looking farther ahead, here is the NOAA Space Weather Prediction Center forecast of 10.7 cm radio flux and maximum Planetary K-index (Kp) for the next 12 days. This data is updated by NOAA once a week on Monday.

Date	Flux	Kp
Oct 29	140	3
Oct 30	140	3
Oct 31	142	3
Nov 1	142	4

Date	Flux	Kp
Nov 2	142	2
Nov 3	144	2
Nov 4	144	2
Nov 5	144	2

Date	Flux	Kp
Nov 6	140	2
Nov 7	138	2
Nov 8	136	2
Nov 9	136	4

## Highs for Cycle 25

Solar Flux: 234 on January 15, 2023.

Sunspots: 227 on July 11, 2023.

## Favorite Propagation web sites

Excellent Maximum Usable Frequency map: <https://prop.kc2g.com/>

<https://www.spaceweather.com/>

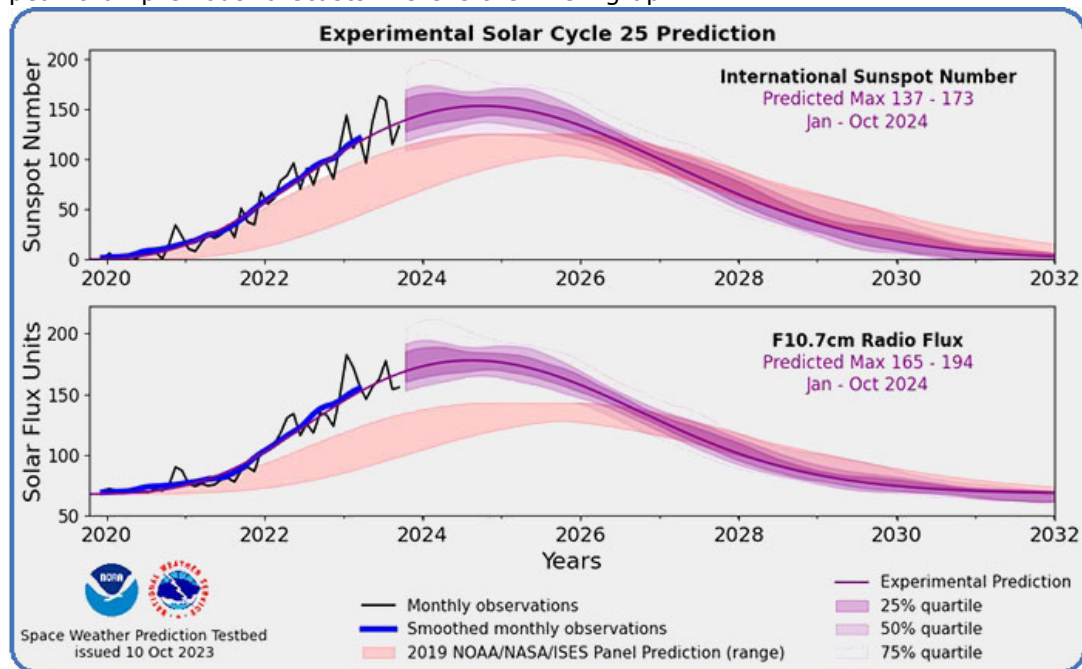
<https://www.solarham.net/>

<https://dx.qsl.net/propagation/>

## NOAA's Cycle 25 Forecast Revised

A revised forecast for Solar Cycle 25 has been released. It shows an earlier, more intense

peak than previous forecasts. Here is their new graph:



The pink-colored area is the original prediction; the magenta area is the new, updated prediction. Solar Cycle 25 should peak between January and October 2024, but higher numbers will persist well into 2025, 2026 and beyond. (Click on the graph above to see the complete story on NOAA's web site.)

## A Propagation Tutorial

The solar X-ray flux tracks solar activity and solar flares. Solar flux, which can vary from as low as 50 to as high as 300, influences the level of ionization in the F2 region of the ionosphere, providing a very good prediction of HF DX conditions. The higher the solar flux, the better conditions will be for the higher HF frequencies and even 6 meters. However, the levels need to be maintained for some days to allow ionization in the F2 layer to build up. A solar flux of 150 results in good HF band conditions, while levels of 200 and up can provide great conditions.

Large X-ray flares on the sun can increase the ionization of the D layer of the ionosphere (a lower layer) on the sunlit side of the Earth, greatly attenuating or blocking HF radio transmissions for up to a half hour. Solar flares often produce Coronal Mass Ejections (CMEs) which, if Earth directed, can lead to geomagnetic storms. Some large flares are also accompanied by strong radio bursts that may interfere with other radio frequencies and cause problems for satellite communication and radio navigation (GPS).

The Planetary K-index is a measure of the magnitude of geomagnetic storms and is an excellent indicator of disturbances in the Earth's magnetic field. A level of 1 or 2 represents quiet geomagnetic conditions; a reading of 3 or 4 may cause some propagation deterioration; 5 and 6 are minor to moderate geomagnetic storms; and 7 to 9 are strong, severe, and extreme storm conditions. Strong geomagnetic storms can trigger Auroral displays and cause HF radio blackouts. Higher geomagnetic activity also has the adverse effect of lowering maximum usable frequencies, much like lower solar flux does.

For best conditions, the solar flux should be above 150 for a few days with the K index below 2. When these conditions are met, some good DX is likely!  
-[Compiled from information on NOAA.gov and other sources]

## Selected Upcoming Contests

Contest	Start		End		Web Site
CQ Worldwide DX Contest, SSB	Oct 28	0000Z	Oct 29	2359Z	<a href="#">Rules</a>
Ukrainian DX Contest	Nov 4	1200Z	Nov 5	1200Z	<a href="#">Rules</a>
ARRL Sweepstakes Contest, CW	Nov 4	2100Z	Nov 6	0300Z	<a href="#">Rules</a>
WAE DX Contest, RTTY	Nov 11	0000Z	Nov 12	2359Z	<a href="#">Rules</a>
10-10 Int. Fall Contest, Digital	Nov 11	0001Z	Nov 12	2359Z	<a href="#">Rules</a>
JIDX Phone Contest	Nov 11	0700Z	Nov 12	1300Z	<a href="#">Rules</a>
OK/OM DX Contest, CW	Nov 11	1200Z	Nov 12	1200Z	<a href="#">Rules</a>
North American SSB Sprint Contest	Nov 12	0000Z	Nov 12	0400Z	<a href="#">Rules</a>
LZ DX Contest	Nov 18	1200Z	Nov 19	1200Z	<a href="#">Rules</a>
ARRL Sweepstakes Contest, SSB	Nov 18	2100Z	Nov 20	0300Z	<a href="#">Rules</a>
CQ Worldwide DX Contest, CW	Nov 25	0000Z	Nov 26	2400Z	<a href="#">Rules</a>
ARRL 160-Meter Contest	Dec 1	2200Z	Dec 3	1600Z	<a href="#">Rules</a>
ARRL 10-Meter Contest	Dec 9	0000Z	Dec 10	2359Z	<a href="#">Rules</a>
OK DX RTTY Contest	Dec 16	0000Z	Dec 16	2400Z	<a href="#">Rules</a>
Croatian CW Contest	Dec 16	1400Z	Dec 17	1400Z	<a href="#">Rules</a>
ARRL Rookie Roundup, CW	Dec 17	1800Z	Dec 17	2359Z	<a href="#">Rules</a>
RAC Winter Contest	Dec 30	0000Z	Dec 30	2359Z	<a href="#">Rules</a>
Stew Perry Topband Challenge	Dec 30	1500Z	Dec 31	1500Z	<a href="#">Rules</a>
ARRL RTTY Roundup	Jan 6	1800Z	Jan 7	2400Z	<a href="#">Rules</a>
ARRL Kids Day	Jan 6	1800Z	Jan 6	2359Z	<a href="#">Rules</a>
YB DX Contest	Jan 13	0000Z	Jan 13	2359Z	<a href="#">Rules</a>
North American QSO Party, CW	Jan 13	1800Z	Jan 14	0600Z	<a href="#">Rules</a>
Hungarian DX Contest	Jan 20	1200Z	Jan 21	1200Z	<a href="#">Rules</a>
North American QSO Party, SSB	Jan 20	1800Z	Jan 21	0600Z	<a href="#">Rules</a>
ARRL January VHF Contest	Jan 20	1900Z	Jan 22	0359Z	<a href="#">Rules</a>
CQ 160-Meter Contest, CW	Jan 26	2200Z	Jan 28	2159Z	<a href="#">Rules</a>
BARTG RTTY Sprint	Jan 27	1200Z	Jan 28	1200Z	<a href="#">Rules</a>
Winter Field Day	Jan 27	1700Z	Jan 28	1700Z	<a href="#">Rules</a>

-[Contest data courtesy of the [WA7BNM Contest Calendar](#) ]